

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
 Data File : BN005547.D
 Acq On : 09 May 2019 00:02
 Operator : JU/SJ
 Sample : K2604-13 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 09 02:34:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 07 05:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	302681	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1179682	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.23	164	782277	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1782306	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1371582	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	1331092	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	3746	0.60	ng/uL	0.00
5) Phenol-d5	6.78	99	83412	3.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	56019	3.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	70551	3.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	63275	3.41	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	49167	6.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	36495	4.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	73547	4.36	ng/ul	0.01
29) 4-Chloroaniline-d4	10.48	131	887543	51.01	ng/ul	-0.02
43) Dimethylphthalate-d6	13.64	166	240513	4.24	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	305704	4.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	31110	3.47	ng/ul	0.02
57) Fluorene-d10	15.23	176	217354	4.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	8947	1.12	ng/ul	-0.02
70) Anthracene-d10	17.08	188	342337	4.58	ng/ul	0.00
78) Pyrene-d10	19.39	212	359345	5.12	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	258114	4.44	ng/ul	-0.02

Target Compounds

					Ovalue
4) Benzaldehyde	6.75	77	68149	4.045	ng/ul# 1
14) Acetophenone	8.38	105	230969	7.766	ng/ul# 32
15) N-Nitroso-di-n-propylamine	8.35	70	37780	2.375	ng/ul# 60
20) Nitrobenzene	8.76	77	27301	1.366	ng/ul# 36
21) Isophorone	9.28	82	130003	3.286	ng/ul# 1
23) 2-Nitrophenol	9.49	139	13207	1.583	ng/ul# 1
24) 2,4-Dimethylphenol	9.57	107	22144	1.060	ng/ul# 74
28) Naphthalene	10.36	128	84681	1.544	ng/ul# 1
32) Caprolactam	11.29	113	52610	10.442	ng/ul# 1
34) 2-Methylnaphthalene	12.04	142	11327258	282.084	ng/ul 99
40) 1,1'-Biphenyl	13.05	154	1885375	32.346	ng/ul 99
44) Dimethylphthalate	13.69	163	79960	1.413	ng/ul# 90
47) Acenaphthylene	13.95	152	1407622	20.536	ng/ul# 92
49) Acenaphthene	14.30	153	5989593	128.000	ng/ul 99
53) Dibenzofuran	14.63	168	697223	10.349	ng/ul 91
54) 2,4-Dinitrotoluene	14.59	165	33514	2.379	ng/ul# 41
58) Fluorene	15.29	166	3820230	72.667	ng/ul 98
64) N-Nitrosodiphenylamine	15.37	169	94245	1.932	ng/ul 92
69) Phenanthrene	17.03	178	16407814	189.028	ng/ul 93
71) Anthracene	17.12	178	5680080	64.237	ng/ul 100
74) Carbazole	17.39	167	308532	4.062	ng/ul 93
76) Fluoranthene	19.06	202	9340609	97.016	ng/ul 96
79) Pyrene	19.43	202	12443525	140.904	ng/ul 97

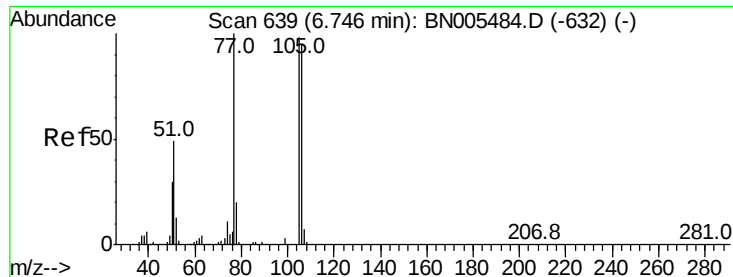
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 07 05:36:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Benzo(a)anthracene	21.25	228	3967362	46.496	ng/ul	94
84) Chrysene	21.25	228	3997732	50.482	ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	2949228	39.415	ng/ul	98
88) Benzo(k)fluoranthene	22.76	252	2949228	41.270	ng/ul	98
90) Benzo(a)pyrene	23.22	252	1693935	24.085	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.59	276	1307139	16.810	ng/ul#	93
92) Dibenzo(a,h)anthracene	25.70	278	141735	2.148	ng/ul	92
93) Benzo(a,h,i)perylene	26.25	276	1390080	21.620	ng/ul	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#4

Benzaldehyde

Concen: 4.045 ng/ul

RT: 6.75 min Scan# 640

Delta R.T. 0.01 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

Instrument :

BNA_N

ClientSampled :

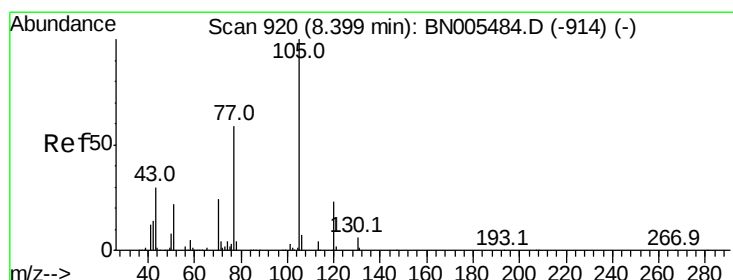
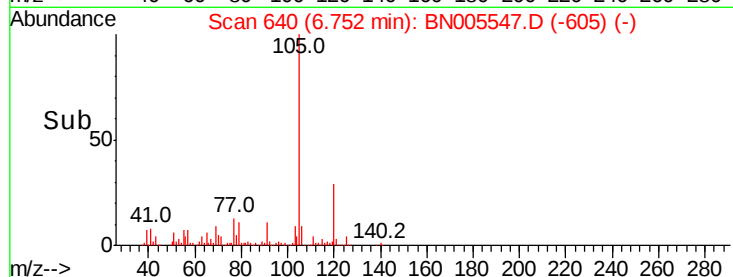
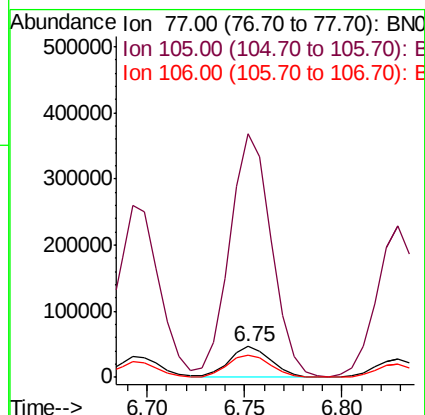
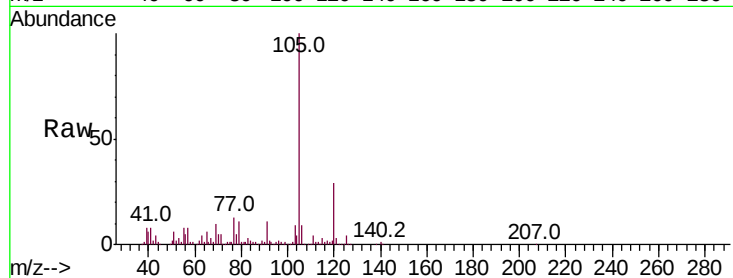
Tot Ion: 77 Resp: 68149

Ion Ratio Lower Upper

77 100

105 791.5 77.4 116.2#

106 71.7 76.3 114.5#



#14

Acetophenone

Concen: 7.766 ng/ul

RT: 8.38 min Scan# 917

Delta R.T. -0.02 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

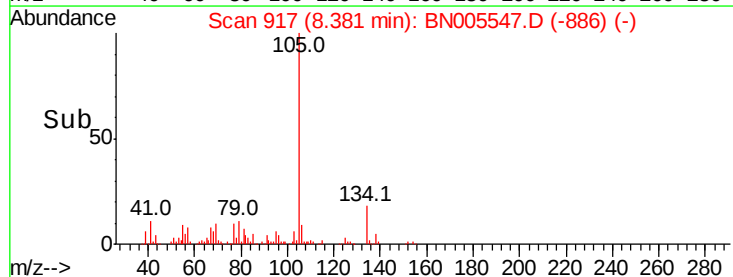
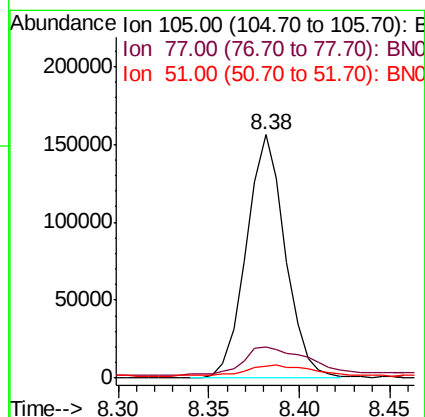
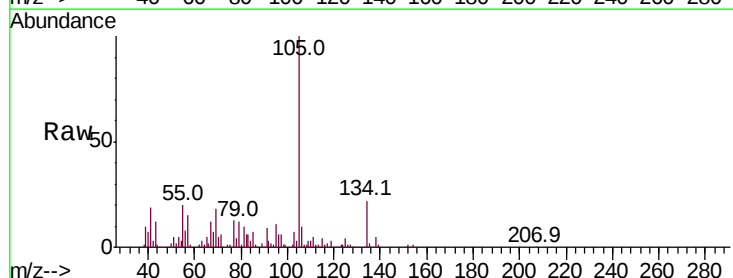
Tgt Ion: 105 Resp: 230969

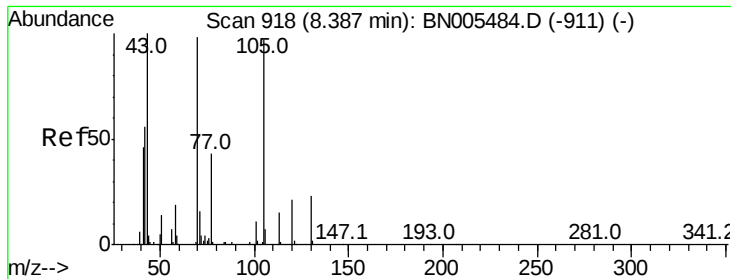
Ion Ratio Lower Upper

105 100

77 12.8 63.4 95.0#

51 4.8 24.2 36.4#





#15

N-Nitroso-di-n-propylamine

Concen: 2.375 ng/ul

RT: 8.35 min Scan# 912

Delta R.T. -0.04 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 70 Resp: 37780

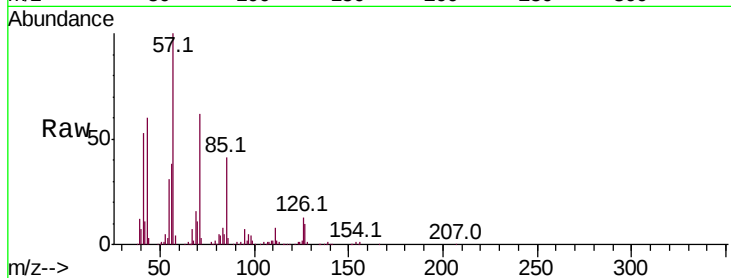
Ion Ratio Lower Upper

70 100

42 101.2 53.8 80.8#

101 0.0 7.7 11.5#

130 0.0 15.0 22.4#

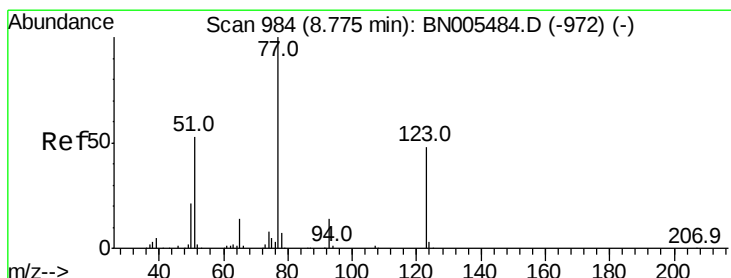
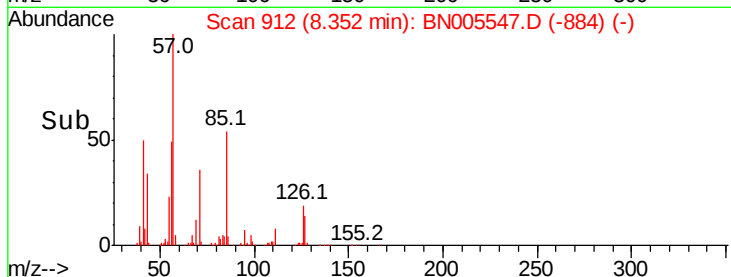
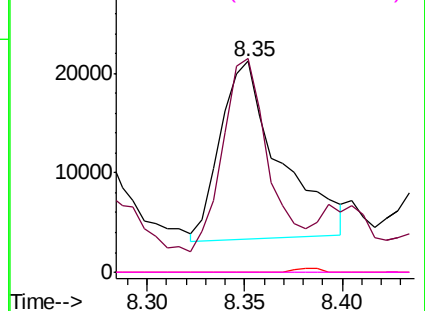


Abundance Ion 70.00 (69.70 to 70.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 101.00 (100.70 to 101.70): BNC

Ion 130.00 (129.70 to 130.70): BNC



#20

Nitrobenzene

Concen: 1.366 ng/ul

RT: 8.76 min Scan# 981

Delta R.T. -0.02 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

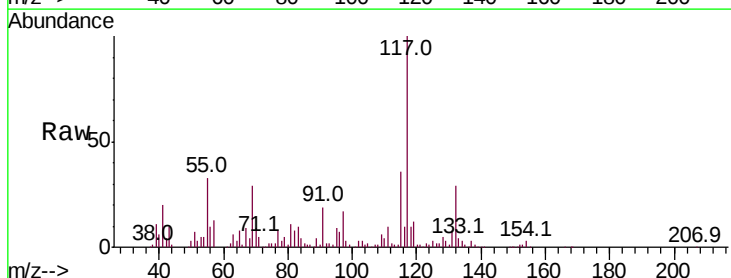
Tgt Ion: 77 Resp: 27301

Ion Ratio Lower Upper

77 100

123 30.5 32.6 49.0#

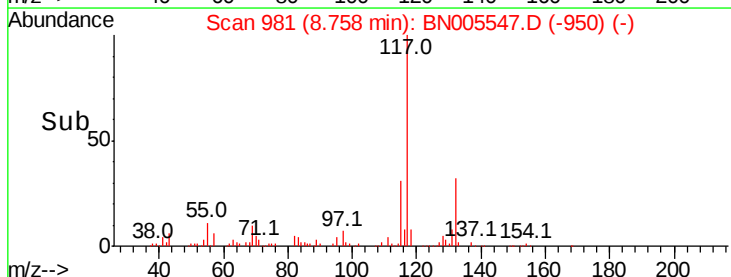
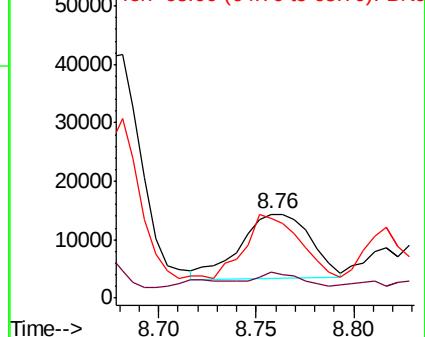
65 95.5 11.6 17.4#

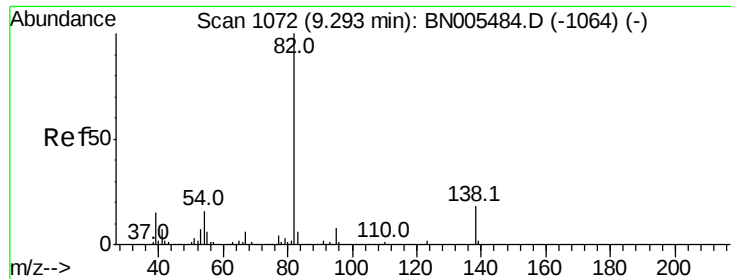


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 123.00 (122.70 to 123.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 3.286 ng/ul

RT: 9.28 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

Instrument :

BNA_N

ClientSampleId :

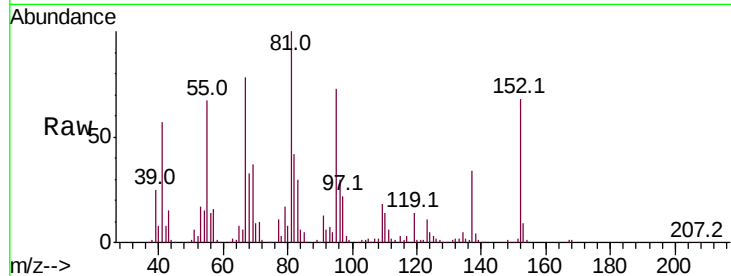
Tot Ion: 82 Resp: 130003

Ion Ratio Lower Upper

82 100

95 174.5 6.2 9.2#

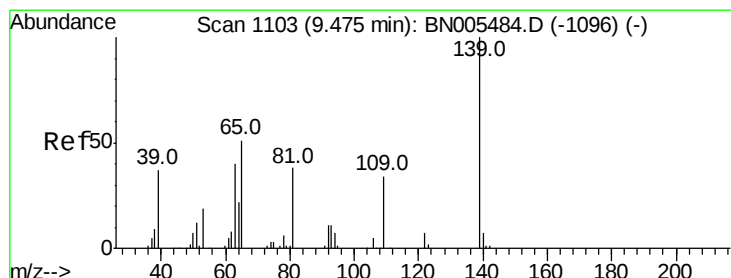
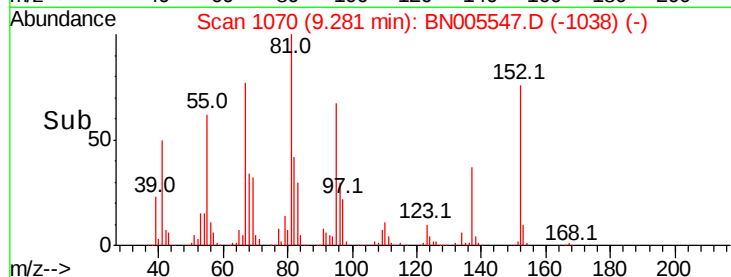
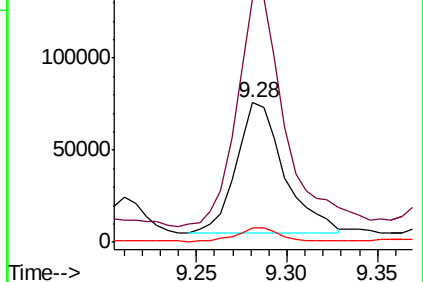
138 10.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BN005484.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BN005484.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BN005484.D (-1064) (-)



#23

2-Nitrophenol

Concen: 1.583 ng/ul

RT: 9.49 min Scan# 1106

Delta R.T. 0.02 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

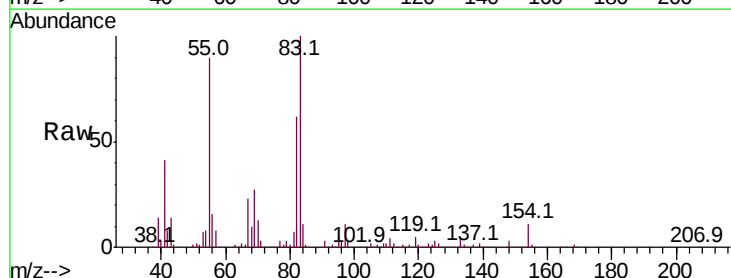
Tgt Ion: 139 Resp: 13207

Ion Ratio Lower Upper

139 100

65 162.7 44.2 66.4#

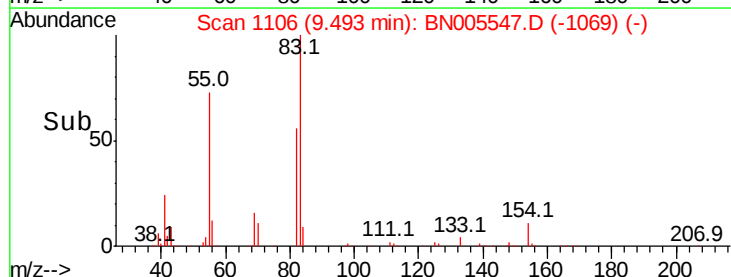
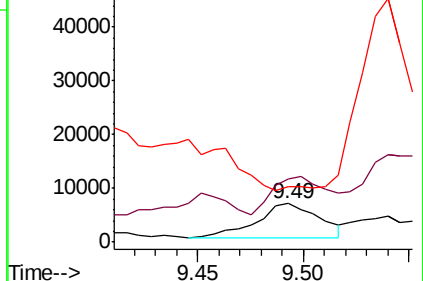
109 143.0 26.8 40.2#

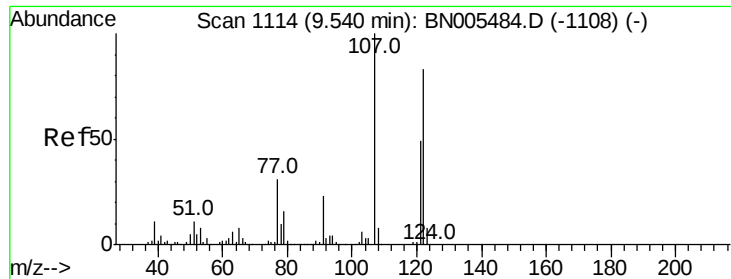


Abundance Ion 139.00 (138.70 to 139.70): BN005484.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BN005484.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BN005484.D (-1096) (-)





#24

2,4-Dimethylphenol

Concen: 1.060 ng/ul

RT: 9.57 min Scan# 1119

Delta R.T. 0.03 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

Instrument :

BNA_N

ClientSampleId :

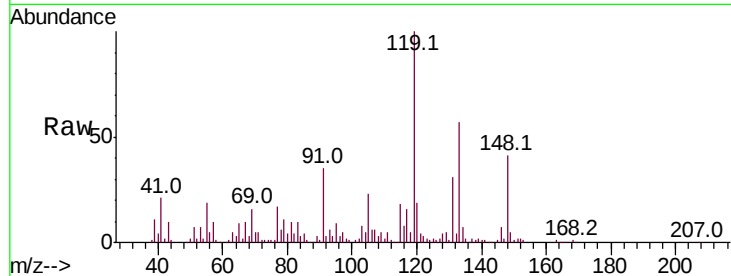
Tot Ion:107 Resp: 22144

Ion Ratio Lower Upper

107 100

121 58.7 37.8 56.8#

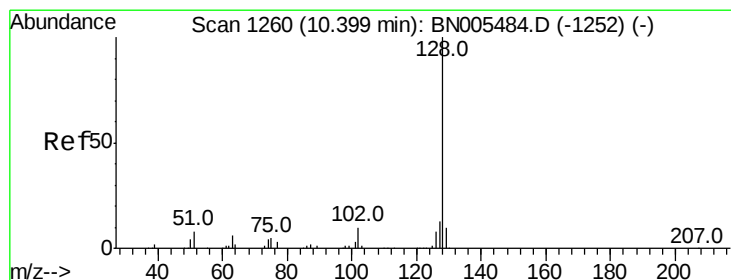
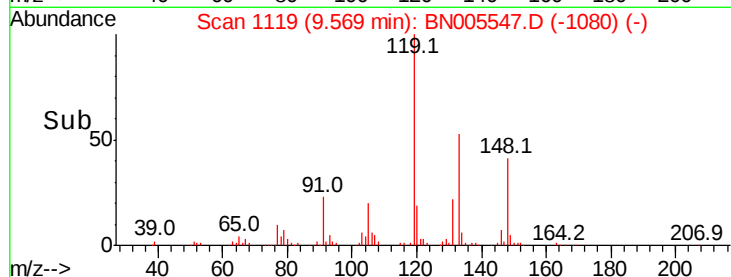
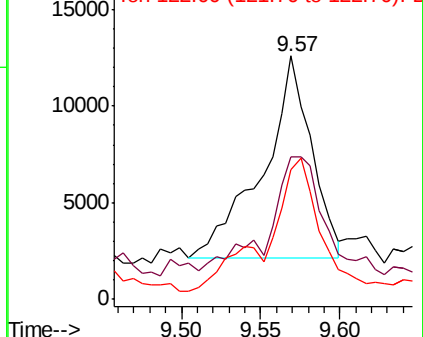
122 53.1 65.0 97.4#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Naphthalene

Concen: 1.544 ng/ul

RT: 10.36 min Scan# 1253

Delta R.T. -0.04 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

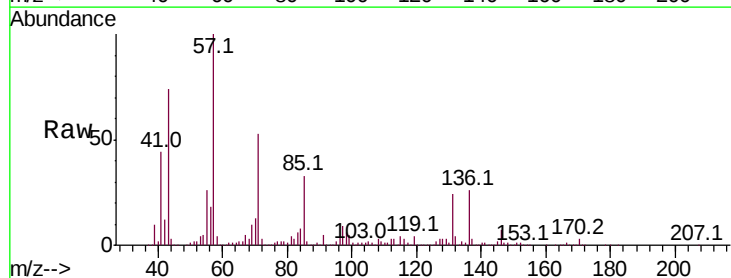
Tgt Ion:128 Resp: 84681

Ion Ratio Lower Upper

128 100

129 101.1 9.2 13.8#

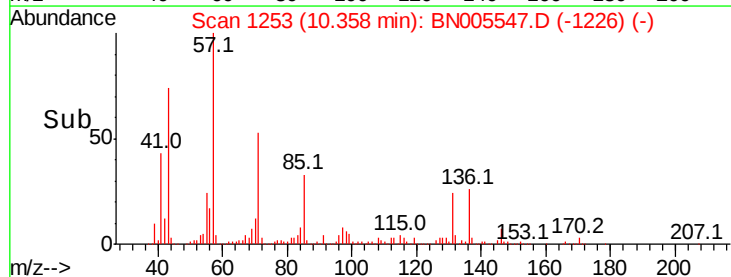
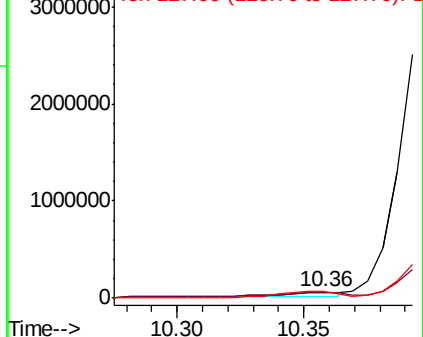
127 113.8 10.7 16.1#

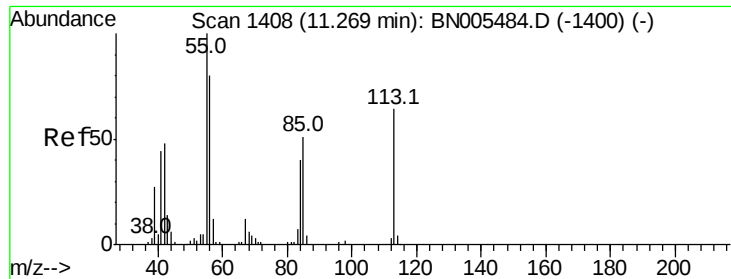


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Caprolactam

Concen: 10.442 ng/ul

RT: 11.29 min Scan# 1411

Delta R.T. 0.02 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

Instrument :

BNA_N

ClientSampleId :

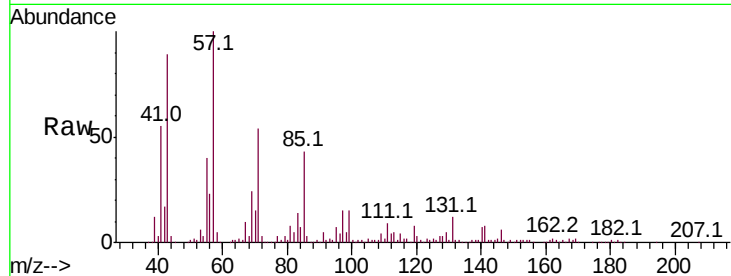
Tot Ion:113 Resp: 52610

Ion Ratio Lower Upper

113 100

55 749.3 157.0 235.4#

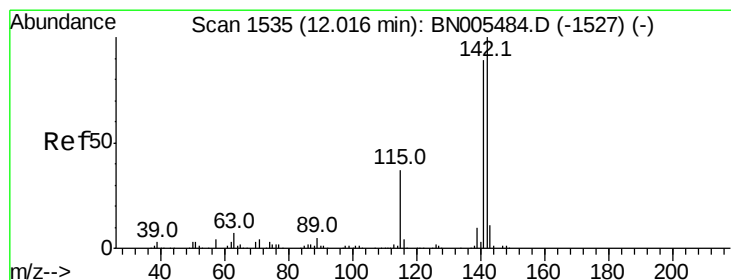
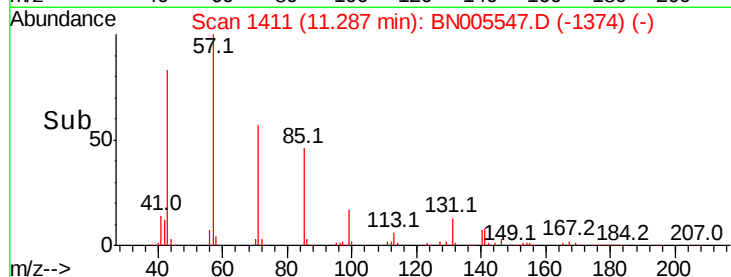
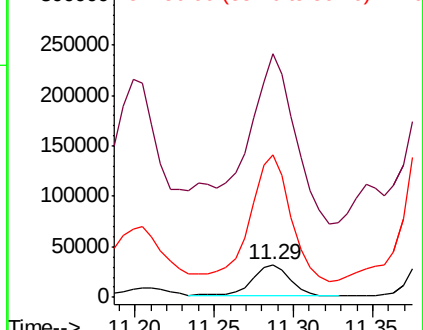
56 439.7 119.1 178.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#34

2-Methylnaphthalene

Concen: 282.084 ng/ul

RT: 12.04 min Scan# 1539

Delta R.T. 0.02 min

Lab File: BN005547.D

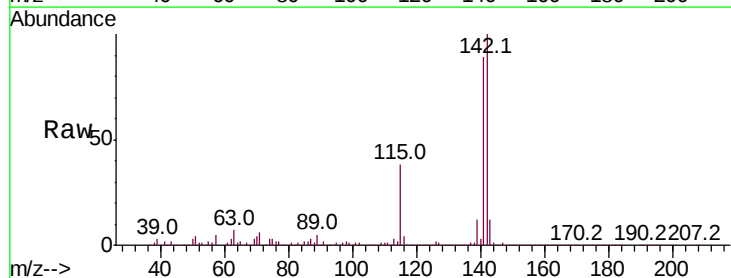
Acq: 09 May 2019 00:02

Tgt Ion:142 Resp:11327258

Ion Ratio Lower Upper

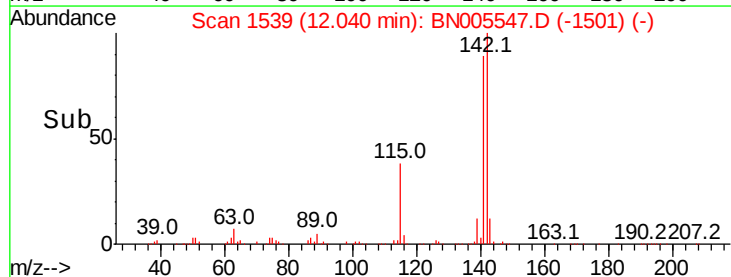
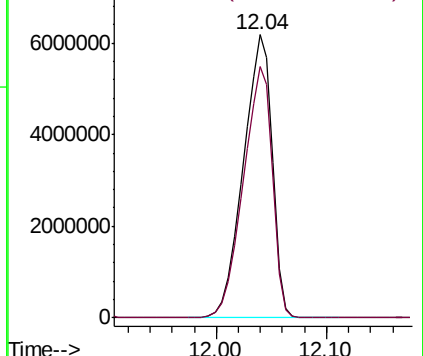
142 100

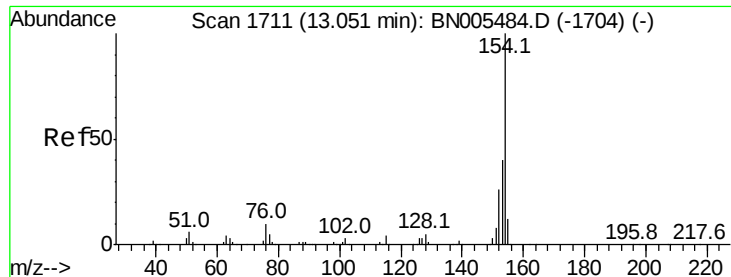
141 88.9 72.0 108.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#40

1,1'-Biphenyl

Concen: 32.346 ng/ul

RT: 13.05 min Scan# 1711

Delta R.T. 0.00 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

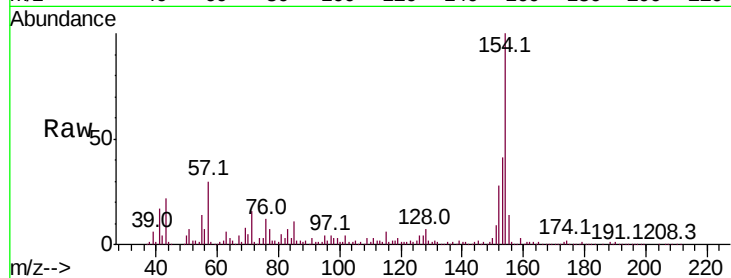
Instrument :

BNA_N

ClientSampleId :

Tot Ion:154 Resp: 1885375

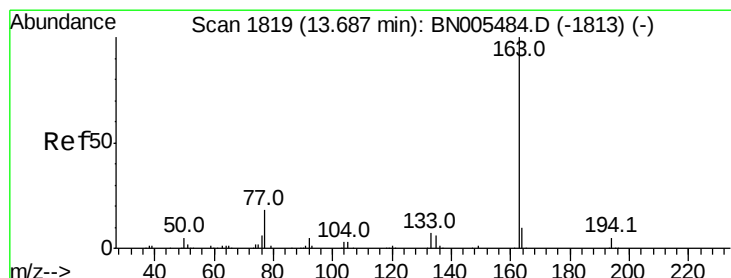
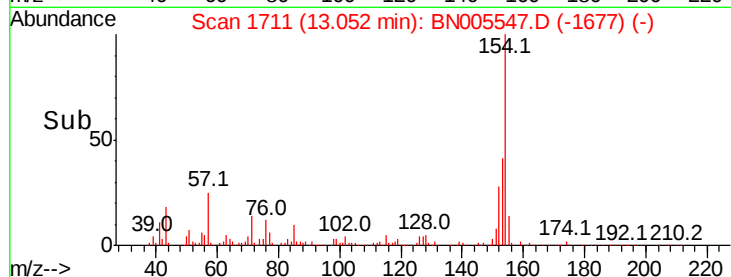
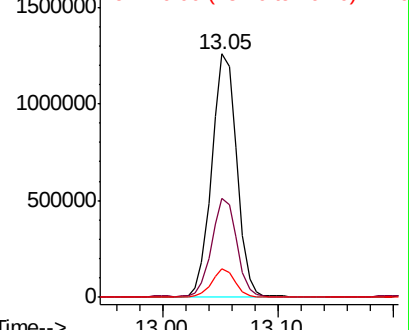
Ion	Ratio	Lower	Upper
154	100		
153	40.8	32.6	49.0
76	11.6	10.4	15.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#44

Dimethylphthalate

Concen: 1.413 ng/ul

RT: 13.69 min Scan# 1820

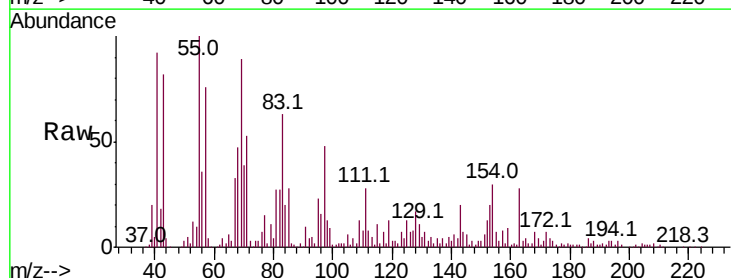
Delta R.T. 0.01 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

Tgt Ion:163 Resp: 79960

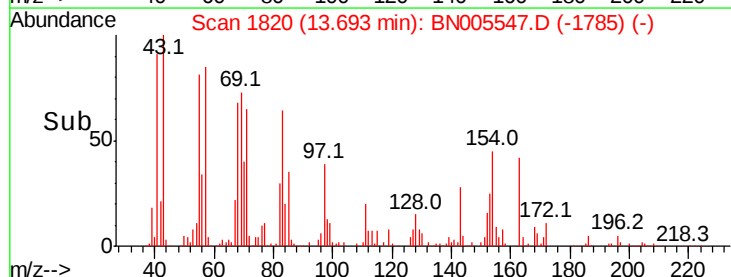
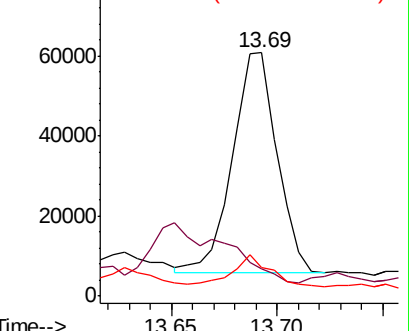
Ion	Ratio	Lower	Upper
163	100		
194	11.2	3.4	5.0#
164	12.0	8.1	12.1

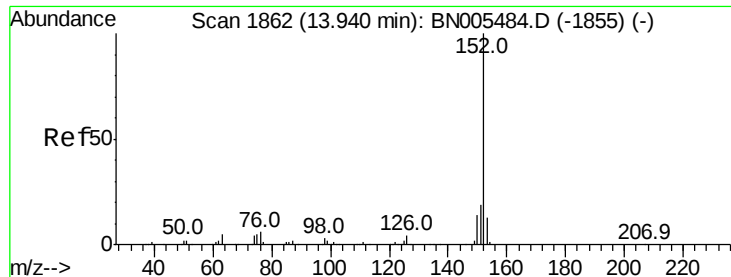


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#47

Acenaphthylene

Concen: 20.536 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

Instrument :

BNA_N

ClientSampleId :

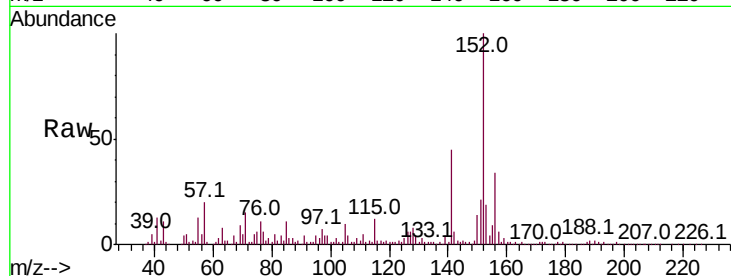
Tot Ion:152 Resp: 1407622

Ion Ratio Lower Upper

152 100

151 21.0 15.8 23.8

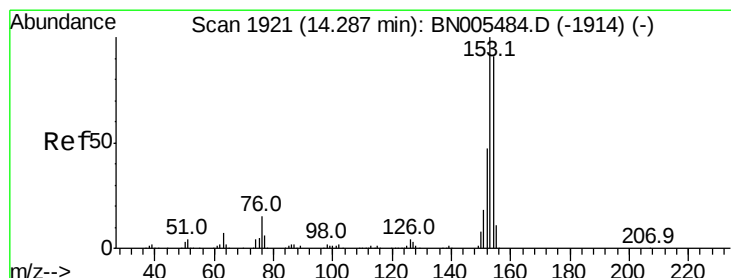
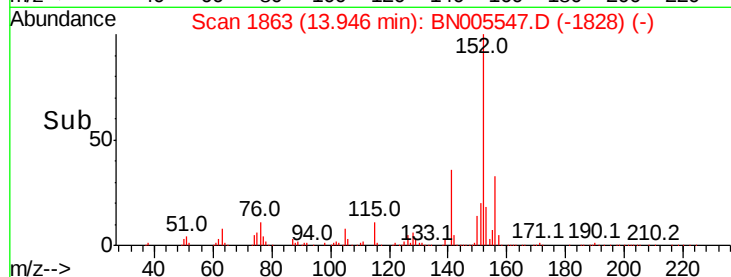
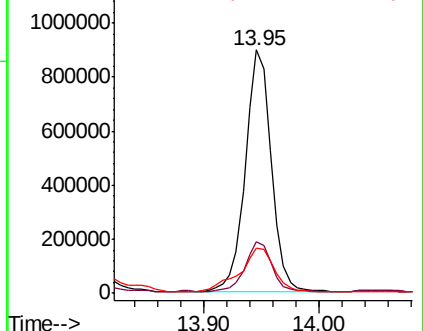
153 18.5 9.8 14.8#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 128.000 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. 0.01 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

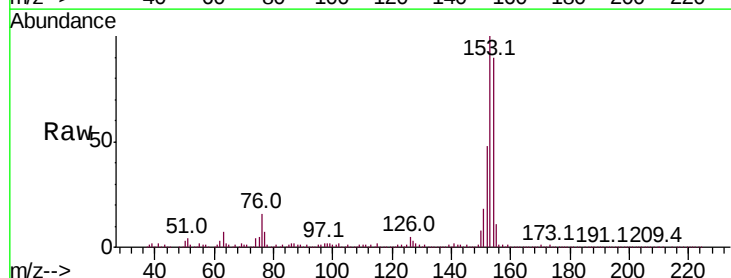
Tgt Ion:153 Resp: 5989593

Ion Ratio Lower Upper

153 100

152 47.6 37.4 56.0

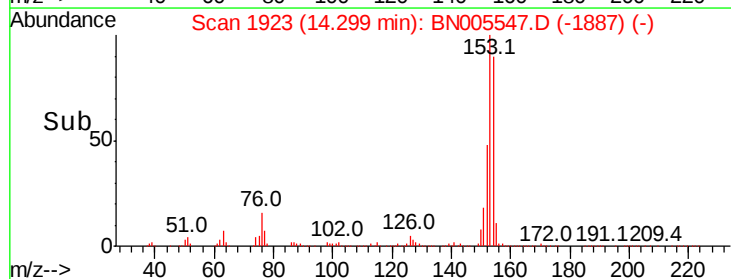
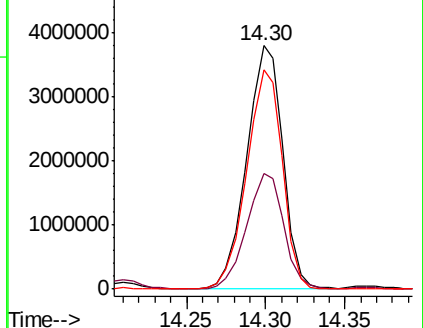
154 90.0 71.2 106.8

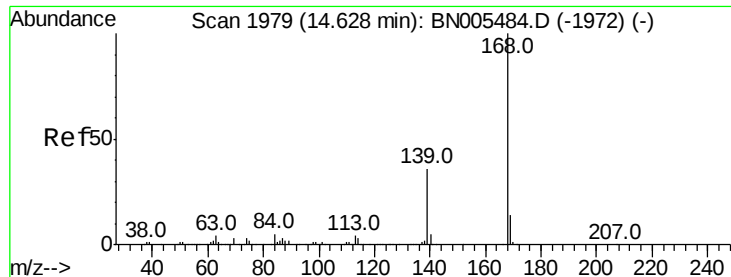


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 10.349 ng/ul

RT: 14.63 min Scan# 1979

Delta R.T. 0.00 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

Instrument :

BNA_N

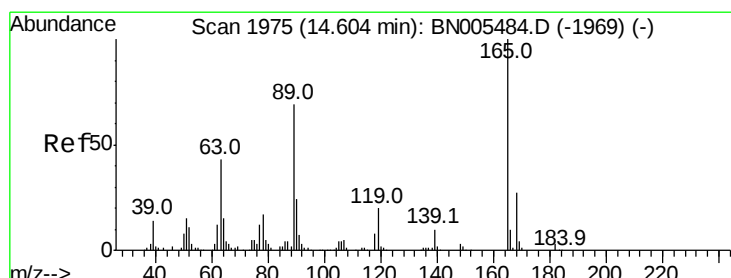
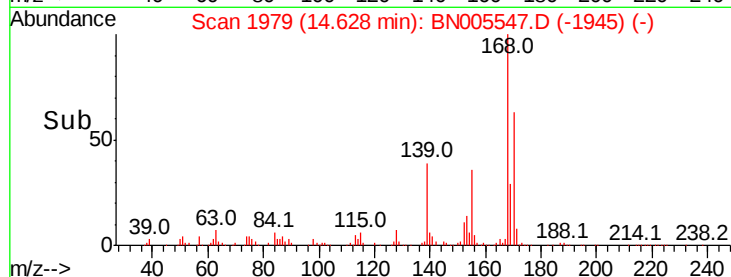
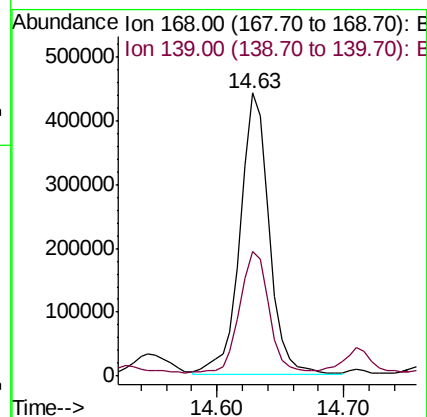
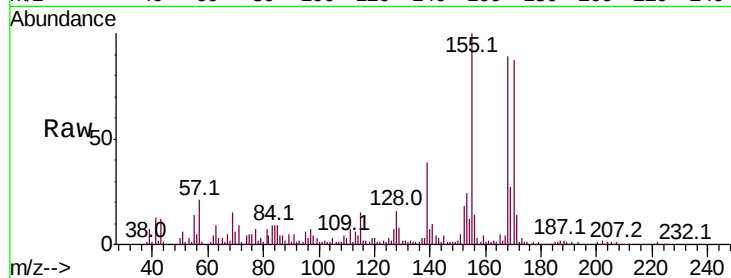
ClientSampled :

Tot Ion:168 Resp: 697223

Ion Ratio Lower Upper

168 100

139 44.1 30.9 46.3



#54

2,4-Dinitrotoluene

Concen: 2.379 ng/ul

RT: 14.59 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

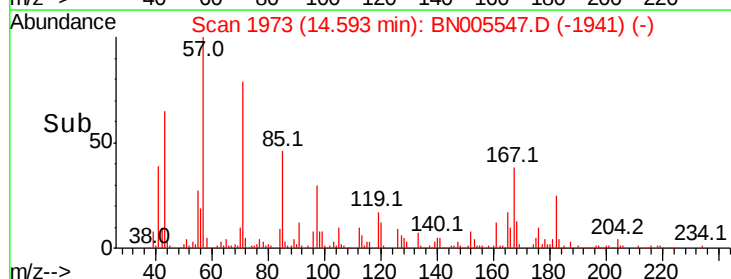
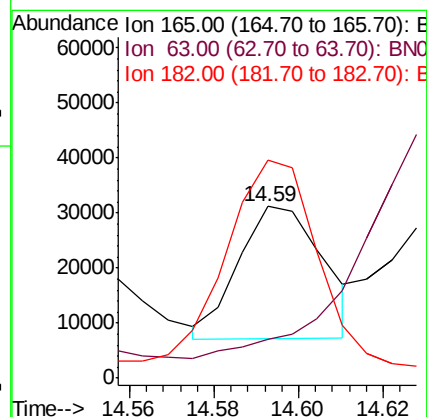
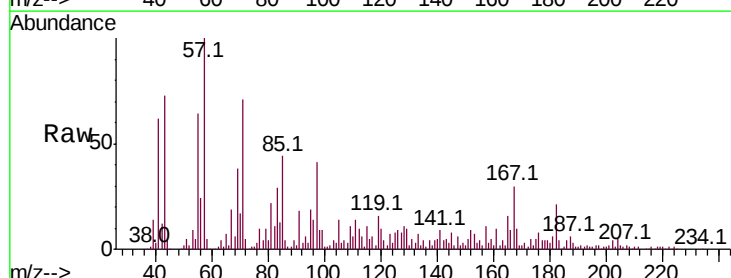
Tgt Ion:165 Resp: 33514

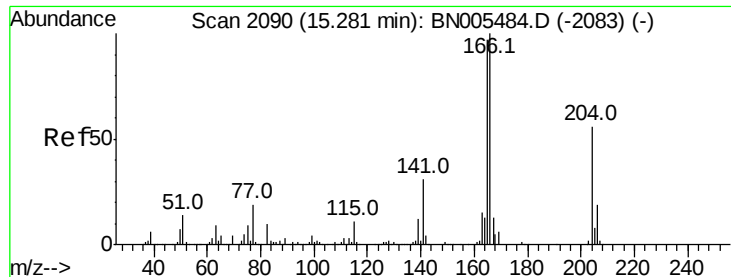
Ion Ratio Lower Upper

165 100

63 22.3 38.9 58.3#

182 127.2 2.6 3.8#





#58

Fluorene

Concen: 72.667 ng/ul

RT: 15.29 min Scan# 2091

Delta R.T. 0.01 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

Instrument :

BNA_N

ClientSampleId :

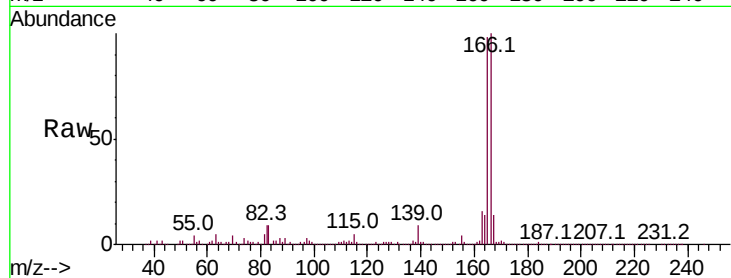
Tot Ion:166 Resp: 3820230

Ion Ratio Lower Upper

166 100

165 98.1 80.0 120.0

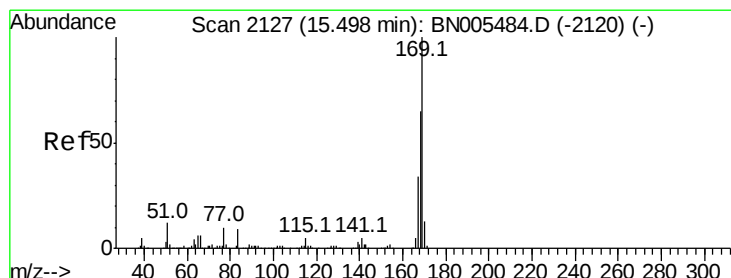
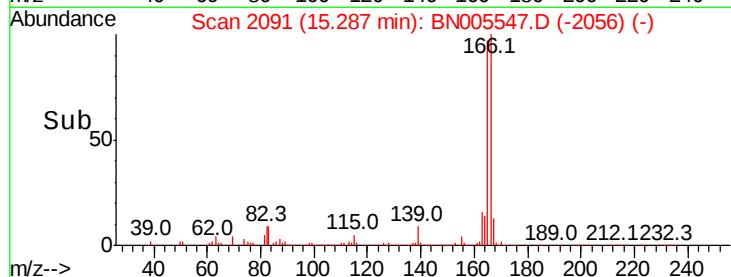
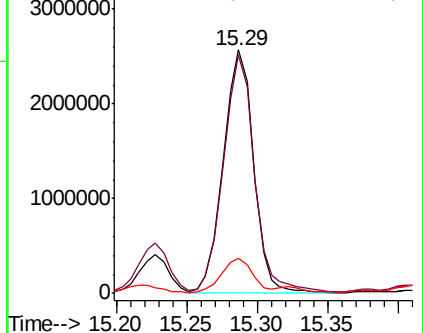
167 14.5 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

N-Nitrosodiphenylamine

Concen: 1.932 ng/ul

RT: 15.37 min Scan# 2105

Delta R.T. -0.13 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

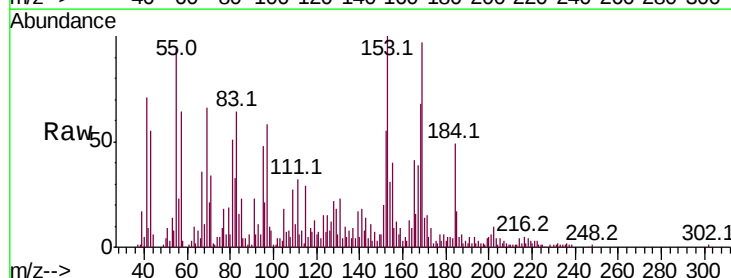
Tgt Ion:169 Resp: 94245

Ion Ratio Lower Upper

169 100

168 70.3 52.2 78.2

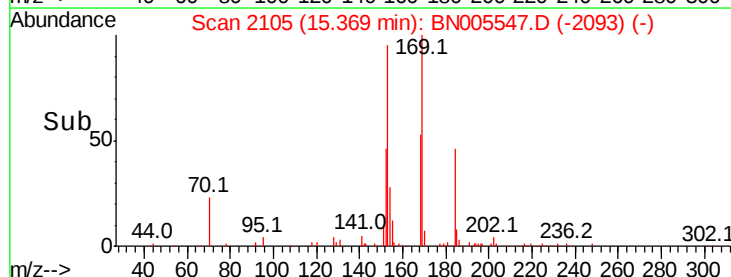
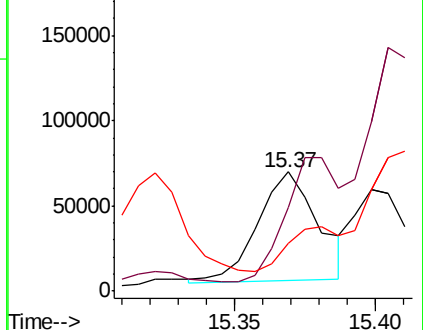
167 40.5 27.7 41.5

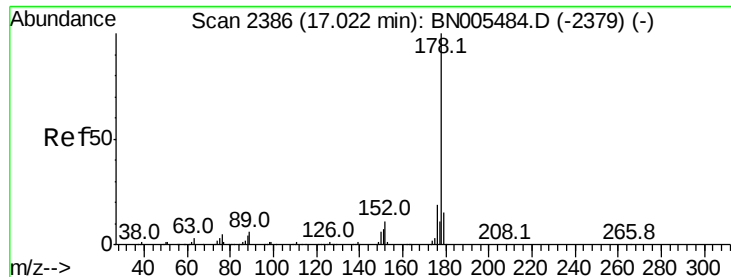


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 189.028 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. 0.01 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

Instrument :

BNA_N

ClientSampled :

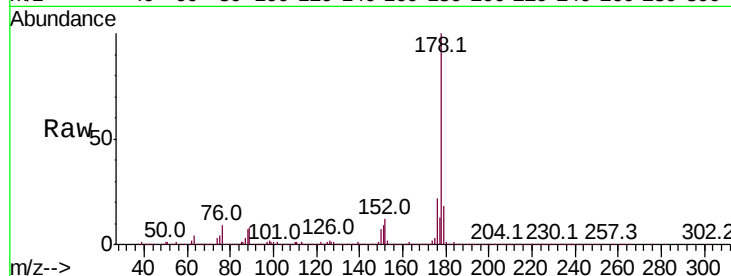
Tot Ion:178 Resp:16407814

Ion Ratio Lower Upper

178 100

179 18.2 12.2 18.4

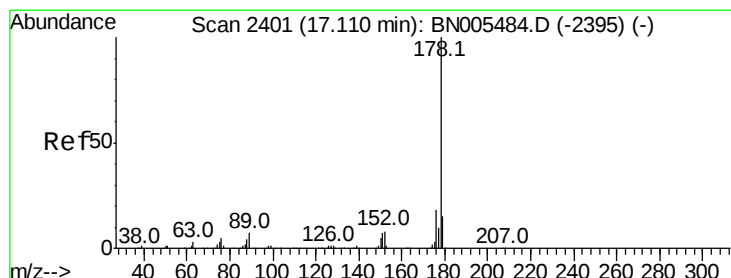
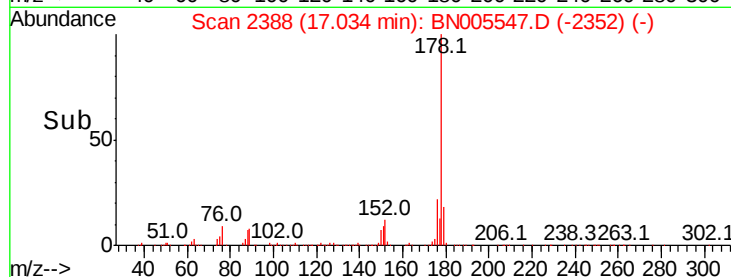
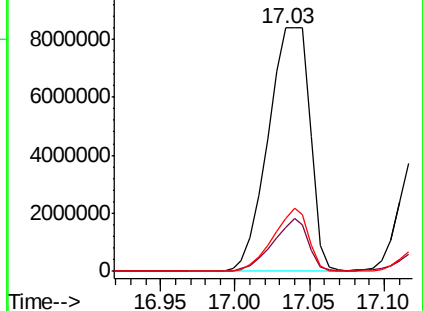
176 21.6 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 64.237 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. 0.01 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

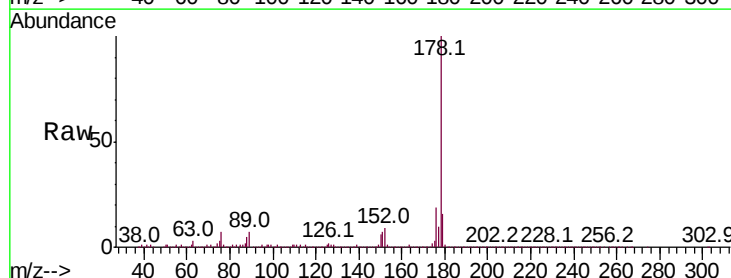
Tgt Ion:178 Resp: 5680080

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

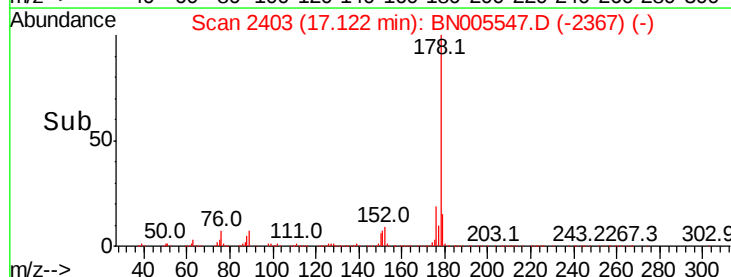
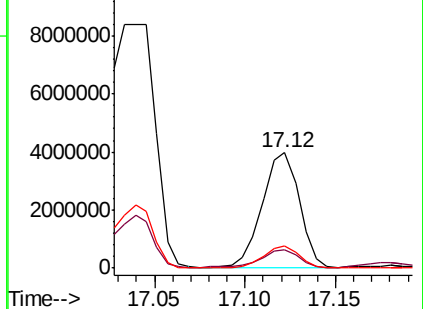
176 18.8 15.1 22.7

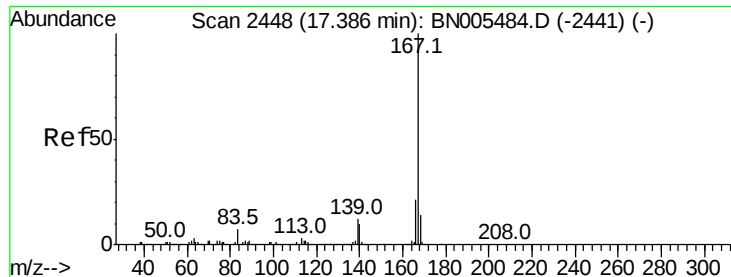


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Carbazole

Concen: 4.062 ng/ul

RT: 17.39 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

Instrument :

BNA_N

ClientSampleId :

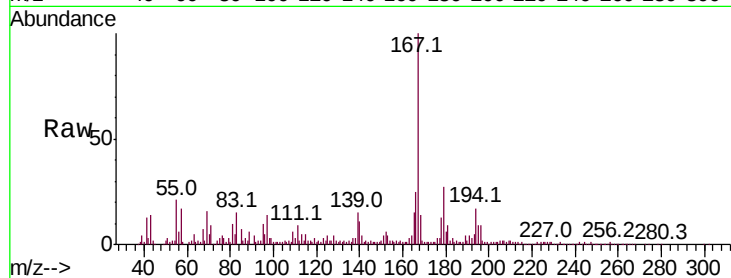
Tot Ion:167 Resp: 308532

Ion Ratio Lower Upper

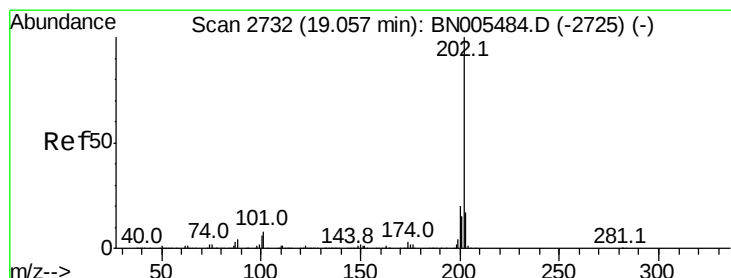
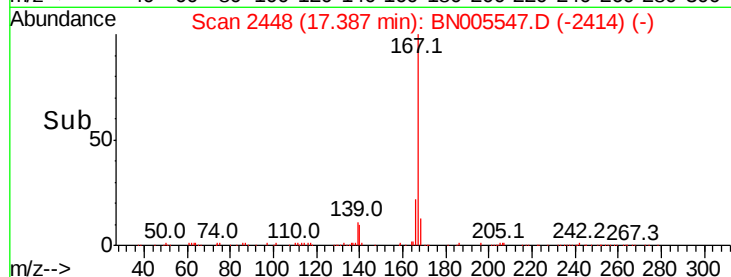
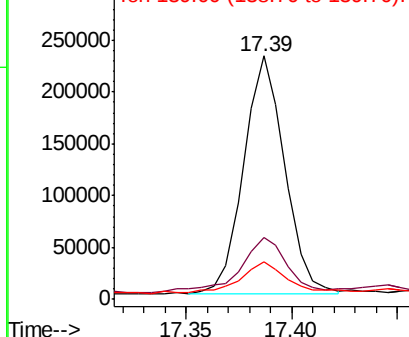
167 100

166 25.2 17.2 25.8

139 15.2 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#76

Fluoranthene

Concen: 97.016 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. 0.01 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

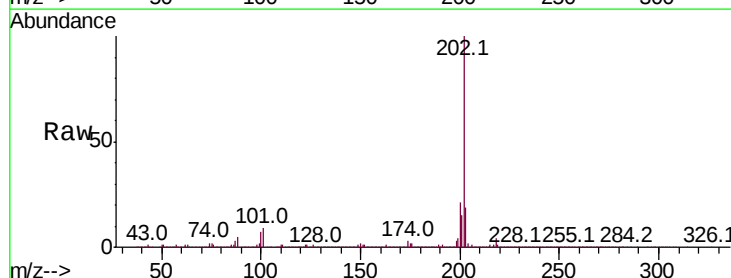
Tgt Ion:202 Resp: 9340609

Ion Ratio Lower Upper

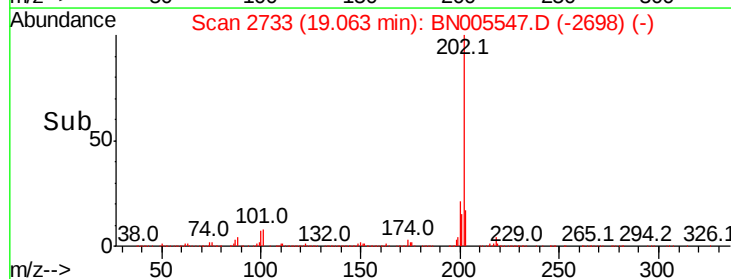
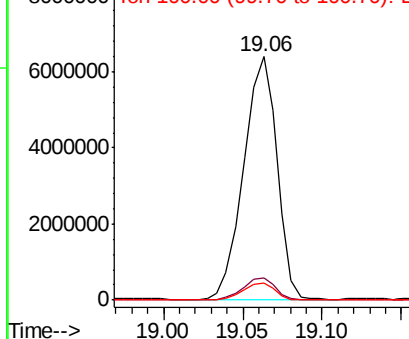
202 100

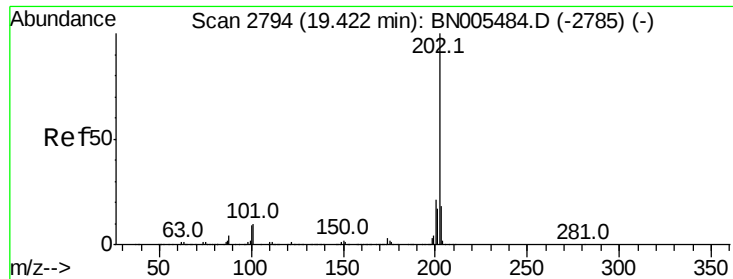
101 9.0 8.6 12.8

100 6.9 6.3 9.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

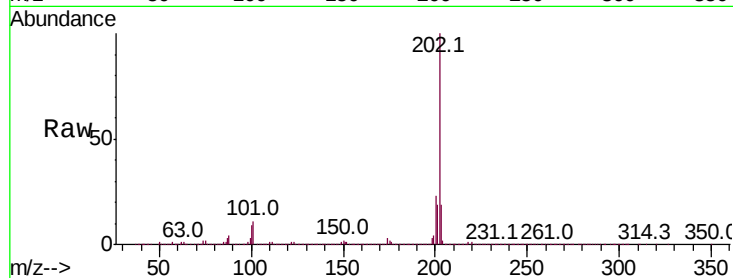




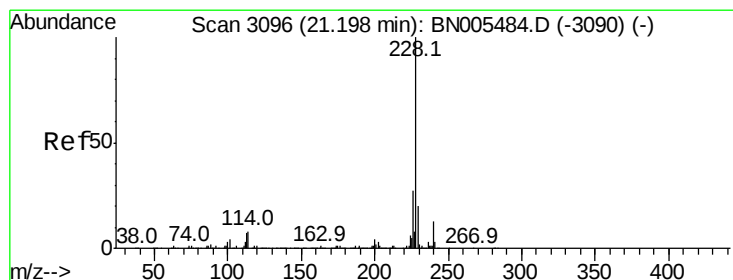
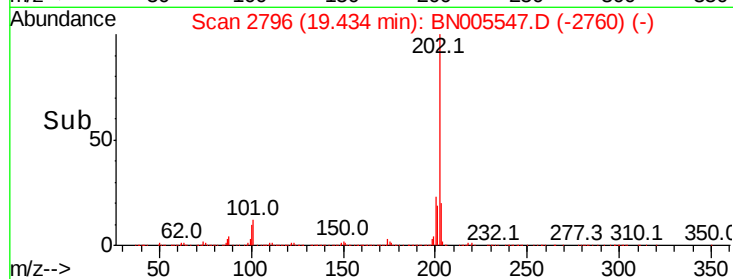
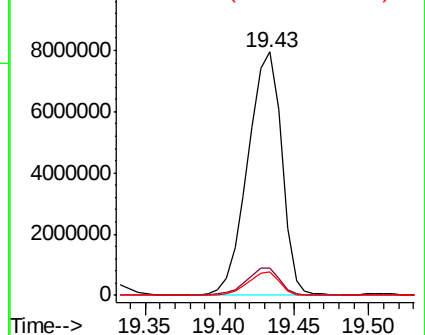
#79
Pvrene
Concen: 140.904 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. 0.01 min
Lab File: BN005547.D
Acq: 09 May 2019 00:02

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp:12443525
Ion Ratio Lower Upper
202 100
101 11.4 10.3 15.5
100 9.4 7.9 11.9

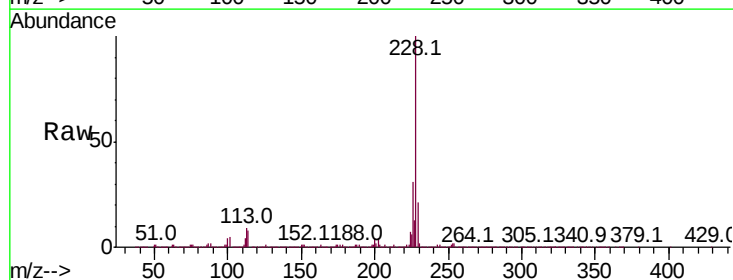


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

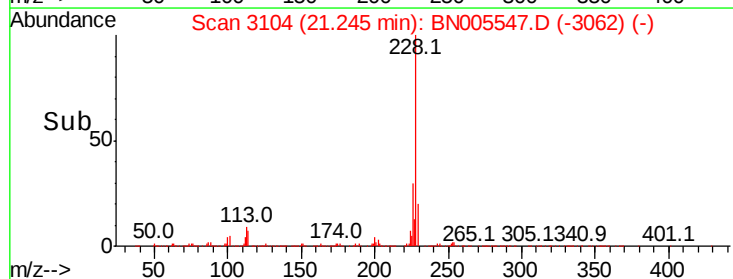
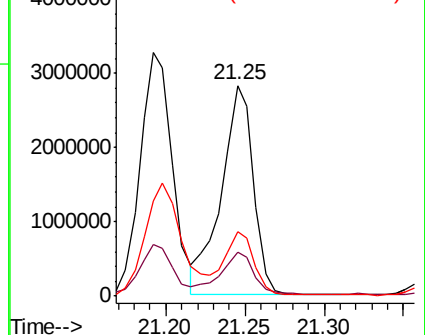


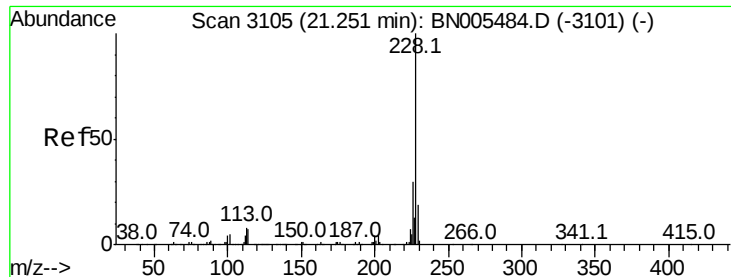
#82
Benzo(a)anthracene
Concen: 46.496 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. 0.05 min
Lab File: BN005547.D
Acq: 09 May 2019 00:02

Tgt Ion:228 Resp: 3967362
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 30.8 21.4 32.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 50.482 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

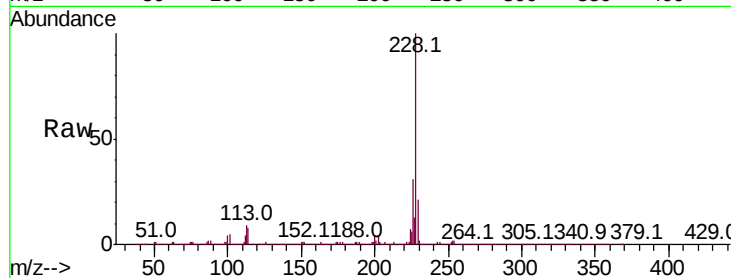
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 3997732

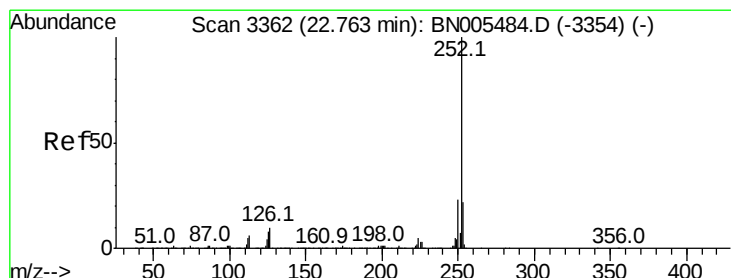
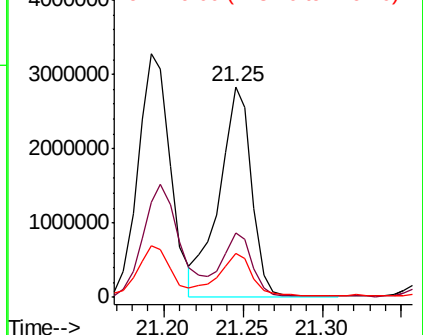
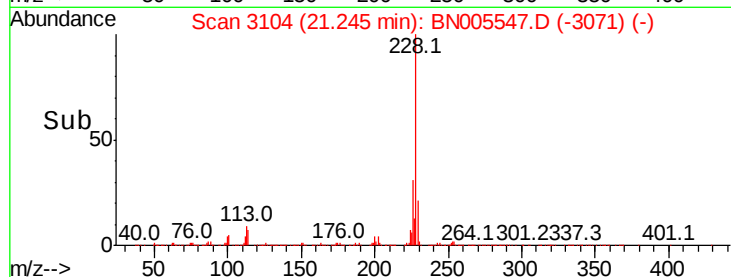
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	20.9	15.4	23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 39.415 ng/ul

RT: 22.76 min Scan# 3361

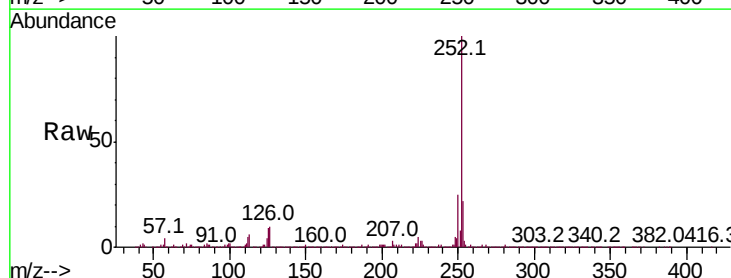
Delta R.T. -0.01 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

Tgt Ion:252 Resp: 2949228

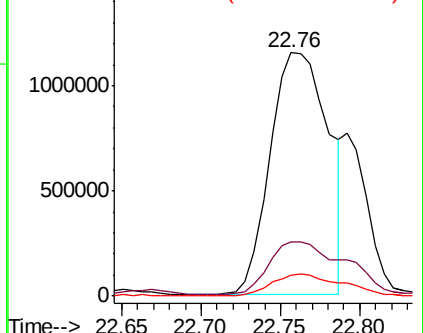
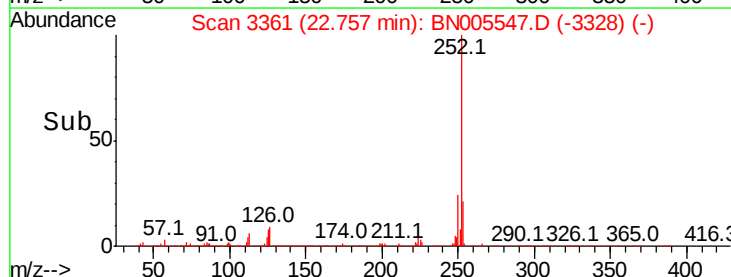
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	8.6	8.4	12.6

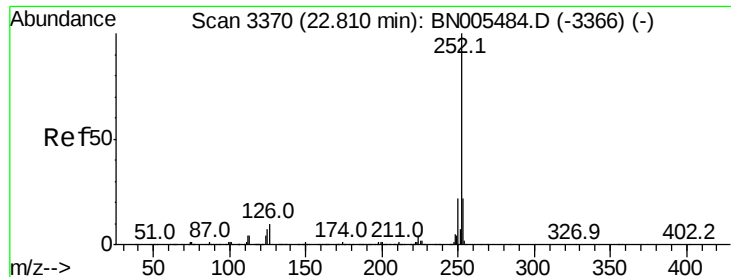


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 41.270 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.05 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

Instrument :

BNA_N

ClientSampleId :

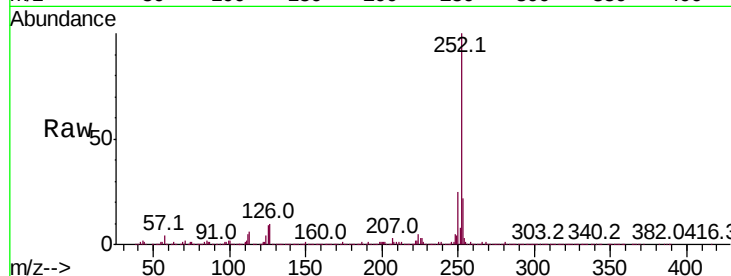
Tot Ion:252 Resp: 2949228

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

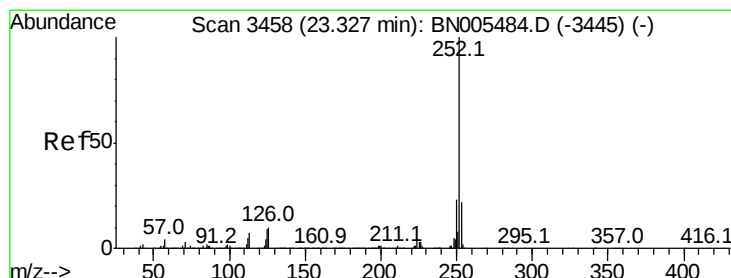
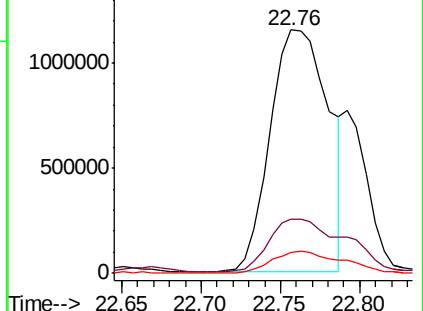
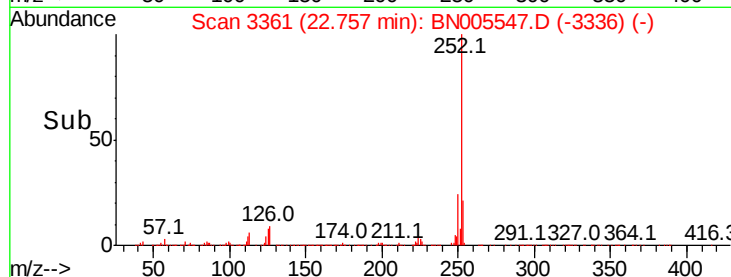
125 8.6 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 24.085 ng/ul

RT: 23.22 min Scan# 3439

Delta R.T. -0.11 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

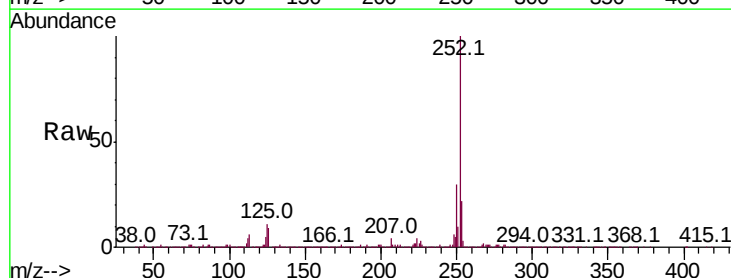
Tgt Ion:252 Resp: 1693935

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

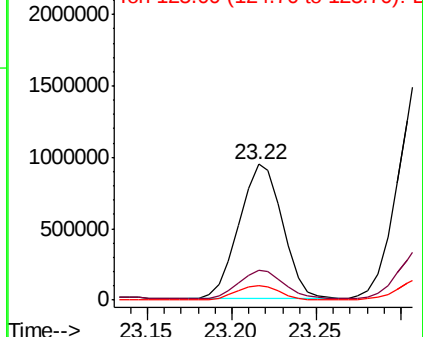
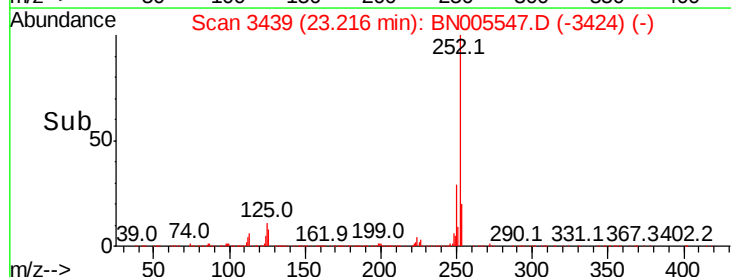
125 10.9 8.6 13.0

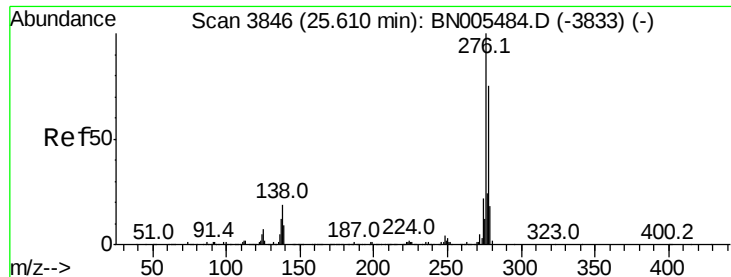


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

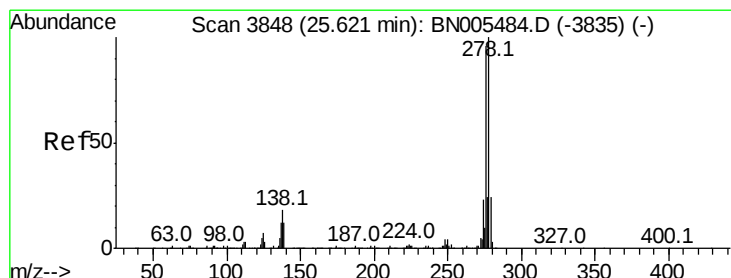
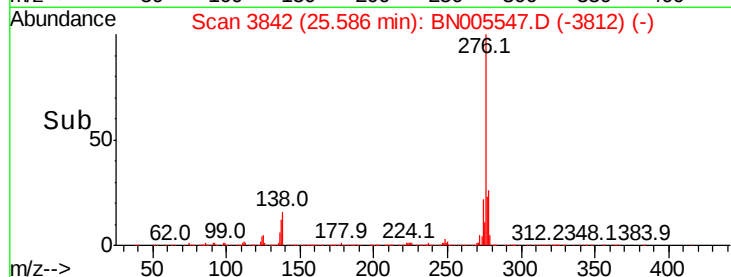
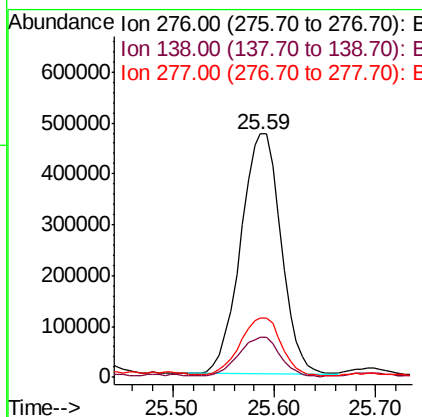
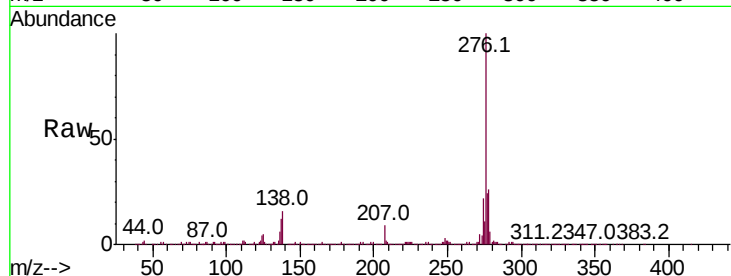




#91
 Indeno(1,2,3-cd)pyrene
 Concen: 16.810 ng/ul
 RT: 25.59 min Scan# 3842
 Delta R.T. -0.02 min
 Lab File: BN005547.D
 Acq: 09 May 2019 00:02

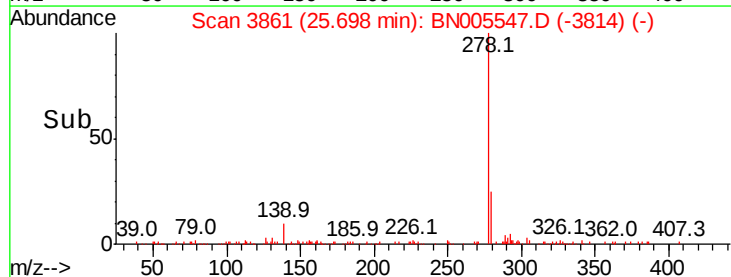
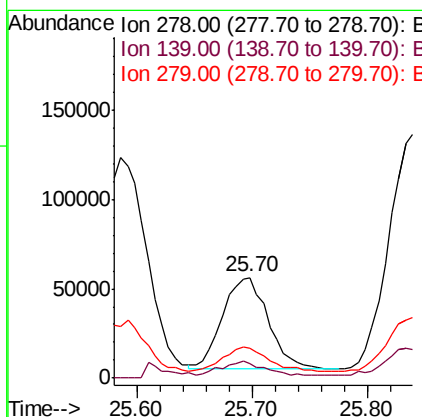
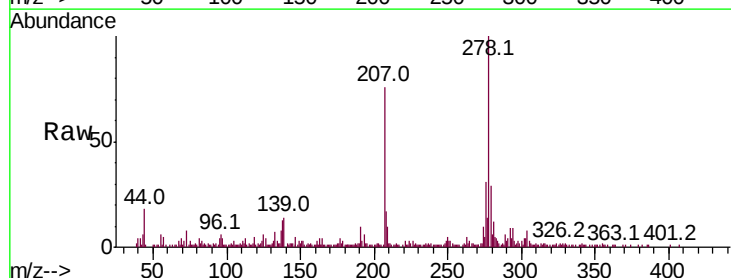
Instrument :
 BNA_N
 ClientSampleId :

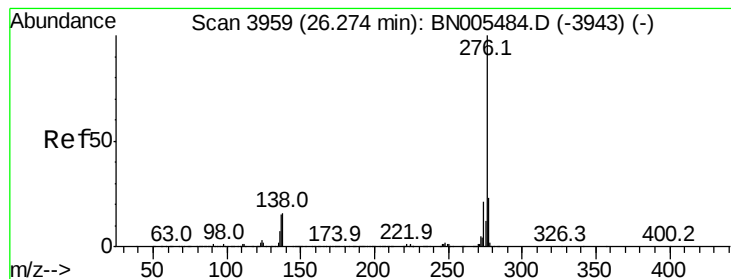
Tot Ion:276 Resp: 1307139
 Ion Ratio Lower Upper
 276 100
 138 16.3 17.9 26.9#
 277 24.2 19.7 29.5



#92
 Dibenzo(a,h)anthracene
 Concen: 2.148 ng/ul
 RT: 25.70 min Scan# 3861
 Delta R.T. 0.08 min
 Lab File: BN005547.D
 Acq: 09 May 2019 00:02

Tgt Ion:278 Resp: 141735
 Ion Ratio Lower Upper
 278 100
 139 14.1 13.1 19.7
 279 29.0 19.4 29.0





#93

Benzo(a,h,i)perylene

Concen: 21.620 ng/ul

RT: 26.25 min Scan# 3955

Delta R.T. -0.02 min

Lab File: BN005547.D

Acq: 09 May 2019 00:02

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 1390080

Ion Ratio Lower Upper

276 100

138 17.0 16.7 25.1

277 24.4 18.2 27.2

